Title (en)

ANTIBODIES SPECIFIC FOR THE PROTOFIBRIL FORM OF BETA-AMYLOID PROTEIN

Title (de)

FÜR DIE PROTOFIBRILLENFORM DES PROTEINS BETA-AMYLOID SPEZIFISCHE ANTIKÖRPER

Title (fr)

ANTICORPS SPÉCIFIQUES DE LA FORME DE PROTOFIBRILLE DE PROTÉINE BÊTA-AMYLOÏDE

Publication

EP 2207568 B1 20170531 (EN)

Application

EP 08849467 A 20081114

Priority

- US 2008083659 W 20081114
- US 98848107 P 20071116
- US 1974708 P 20080108

Abstract (en)

[origin: WO2009065054A2] Isolated antibodies have been characterized which show specific affinity to a repeating conformational epitope of a protofibril form of the human ß-amyloid peptide as compare to low molecular weight forms of ß-amyloid peptide. These isolated antibodies and related pharmaceutically effective compositions may be useful in the therapeutic and/or prophylactic treatment of Alzheimer's disease by effectively blocking the ability of the protofibril form of ß-amyloid peptide to form fibril forms linked with complications associated with Alzheimer's disease. The isolated antibodies of the present invention are also useful in various diagnostic assays and associated kits.

IPC 8 full level

C07K 16/18 (2006.01); **A61K 39/395** (2006.01); **A61P 25/28** (2006.01); **G01N 33/53** (2006.01); **G01N 33/567** (2006.01)

CPC (source: EP KR US)

A61K 39/395 (2013.01 - KR); **A61P 25/00** (2017.12 - EP); **A61P 25/20** (2017.12 - EP); **A61P 25/28** (2017.12 - EP); **C07K 16/18** (2013.01 - EP KR US); **C12N 15/11** (2013.01 - KR); **G01N 33/53** (2013.01 - KR); **G01N 33/6896** (2013.01 - EP US); A61K 2039/505 (2013.01 - EP US); C07K 2317/14 (2013.01 - US); C07K 2317/21 (2013.01 - US); C07K 2317/24 (2013.01 - US); C07K 2317/34 (2013.01 - EP US); C07K 2317/56 (2013.01 - US); C07K 2317/565 (2013.01 - US); G01N 2333/4709 (2013.01 - EP US); G01N 2800/2821 (2013.01 - US)

Citation (examination)

MOHAJERI M HASAN ET AL: "Assessment of the bioactivity of antibodies against beta-amyloid peptide in vitro and in vivo", NEURODEGENERATIVE DISEASES, KARGER AG, BASEL, CH, vol. 1, no. 4-5, 1 January 2004 (2004-01-01), pages 160 - 167, XP002509425, ISSN: 1660-2854, DOI: 10.1159/000080981

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2009065054 A2 20090522; **WO 2009065054 A3 20091230**; AU 2008322523 A1 20090522; AU 2008322523 B2 20131010; BR PI0819312 A2 20200915; CA 2705582 A1 20090522; CN 102006887 A 20110406; CN 102006887 B 20160203; CO 6270277 A2 20110420; CR 11350 A 20100621; CY 1119376 T1 20180214; DK 2207568 T3 20170918; DO P2010000097 A 20161230; EA 201000809 A1 20101230; EP 2207568 A2 20100721; EP 2207568 A4 20130109; EP 2207568 B1 20170531; EP 3257865 A1 20171220; ES 2639016 T3 20171025; HK 1244823 A1 20180817; HR P20171292 T1 20171215; HU E033825 T2 20180129; IL 204542 A0 20101130; IL 204542 A 20160331; JP 2011504360 A 20110210; JP 2014223074 A 20141204; JP 2018140988 A 20180913; JP 5616230 B2 20141029; KR 101377535 B1 20140327; KR 101478995 B1 20150112; KR 101581733 B1 20151231; KR 20100074297 A 20100701; KR 20130051021 A 20130516; KR 20140141671 A 20141210; LT 2207568 T 20171211; MA 31890 B1 20101201; ME 01026 B 20121020; MX 2010003828 A 20100427; MX 335965 B 20160105; MY 158903 A 20161130; NI 201000046 A 20110110; NZ 583632 A 20120525; PL 2207568 T3 20180131; PT 2207568 T 20170901; SG 2014011183 A 20140627; SI 2207568 T1 20171130; TN 2010000128 A1 20110926; US 2010209422 A1 20100819; US 2013315917 A1 20131128; US 2016319006 A1 20161103; US 8470321 B2 20130625; US 9340607 B2 20160517; ZA 201002592 B 20110525

DOCDB simple family (application)

US 2008083659 W 20081114; AU 2008322523 A 20081114; BR PI0819312 A 20081114; CA 2705582 A 20081114; CN 200880116438 A 20081114; CO 10039830 A 20100407; CR 11350 A 20100407; CY 171100918 T 20170830; DK 08849467 T 20081114; DO 2010000097 A 20100407; EA 201000809 A 20081114; EP 08849467 A 20081114; EP 17173145 A 20081114; ES 08849467 T 20081114; HK 18104106 A 20110121; HR P20171292 T 20170828; HU E08849467 A 20081114; IL 20454210 A 20100316; JP 2010534239 A 20081114; JP 2014135187 A 20140630; JP 2018054674 A 20180322; KR 20107011148 A 20081114; KR 20137010598 A 20081114; KR 20147029636 A 20081114; LT 08849467 T 20081114; MA 32845 A 20100517; ME P7610 A 20081114; MX 2010003828 A 20081114; MX 2012010835 A 20081114; MY PI2010001497 A 20081114; NI 201000046 A 20100407; NZ 58363208 A 20081114; PL 08849467 T 20081114; PT 08849467 T 20081114; SG 2014011183 A 20081114; SI 200831857 T 20081114; TN 2010000128 A 20100322; US 201313903081 A 20130528; US 201615155275 A 20160516; US 73895508 A 20081114; ZA 201002592 A 20100414